# MICRO SHEATH CABLE (DISTRIBUTION TYPE)

## DESCRIPTION
- Distribution type (Max. 144 core)
- Ease of handling with flexibility
- Ease of identification using 12 Colors
- Operating temperature Range: -20~70°C

## FEATURES & APPLICATIONS
- Intra building backbone
- OFD: optical Frame distribution
- FDDI, LAN distribution
- Indoor and outdoor cable

## OPTICAL SPECIFICATIONS
- Single mode @1310nm ≤ 0.40 dB/km
  @1383nm ≤ 0.36 dB/km
  @1550nm ≤ 0.30 dB/km
  @1625nm ≤ 0.35 dB/km
- PMD ≤ 0.2dB(ps/km)^{1/2}, Cut-off wavelength ≤ 1260nm
- Multi mode @850nm ≤ 3.5 dB/km
  @1300nm ≤ 1.5 dB/km
- 50/125㎛ (OM2, OM3, OM4), 62.5/125㎛ (OM1)

## CHARACTERISTICS

<table>
<thead>
<tr>
<th>No.of Core</th>
<th>Outer Diameter (mm)</th>
<th>Weight (Net, kg/km)</th>
<th>Max. Tensile Load (N)</th>
<th>Min, Bending Radius (mm)</th>
<th>Temperature Range(℃)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Installation</td>
<td>Operation</td>
</tr>
<tr>
<td>12F</td>
<td>2.95±0.1</td>
<td>9</td>
<td>500</td>
<td>Cable Dia*20</td>
<td>Cable Dia*15</td>
</tr>
<tr>
<td>24F</td>
<td>6.9±0.2</td>
<td>44</td>
<td>600</td>
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<tr>
<td>48F</td>
<td>7.2±0.3</td>
<td>49</td>
<td>800</td>
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<tr>
<td>72F</td>
<td>7.7±0.3</td>
<td>58</td>
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<tr>
<td>96F</td>
<td>8.4±0.3</td>
<td>67</td>
<td>1,200</td>
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</tr>
<tr>
<td>144F</td>
<td>11.5±0.5</td>
<td>91</td>
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</tr>
</tbody>
</table>

#Above cable construction & feature may be revised without prior notice to implement the quality improvement.